

ABSTRACT OF THE DISCLOSURE

A first conductive film is first deposited on an insulating film on a substrate as a seed layer, wetting layer, adhesive layer or the like. The first conductive film is
5 formed from a first copper alloy having oxidation resistance. A second conductive film is then formed on the first conductive film. The second conductive film is formed from copper or a second copper alloy. Thereafter, the first and second conductive films are integrated into a third
10 conductive film, which will results in a wiring.